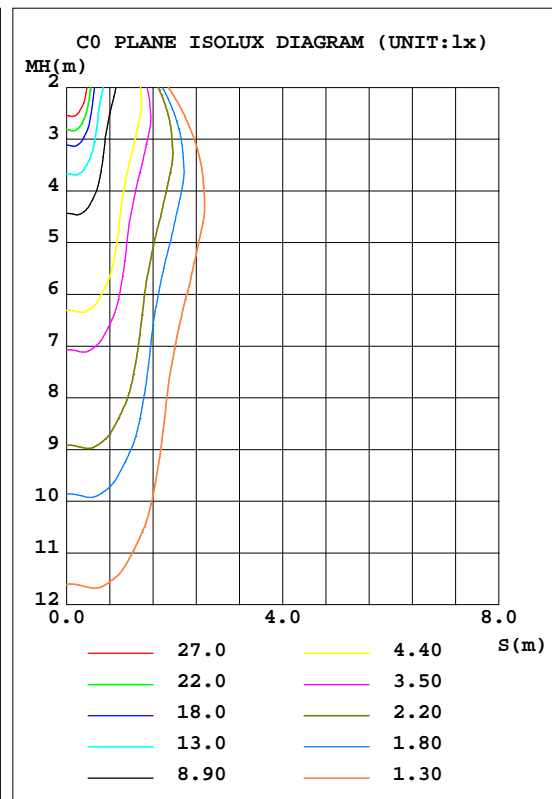
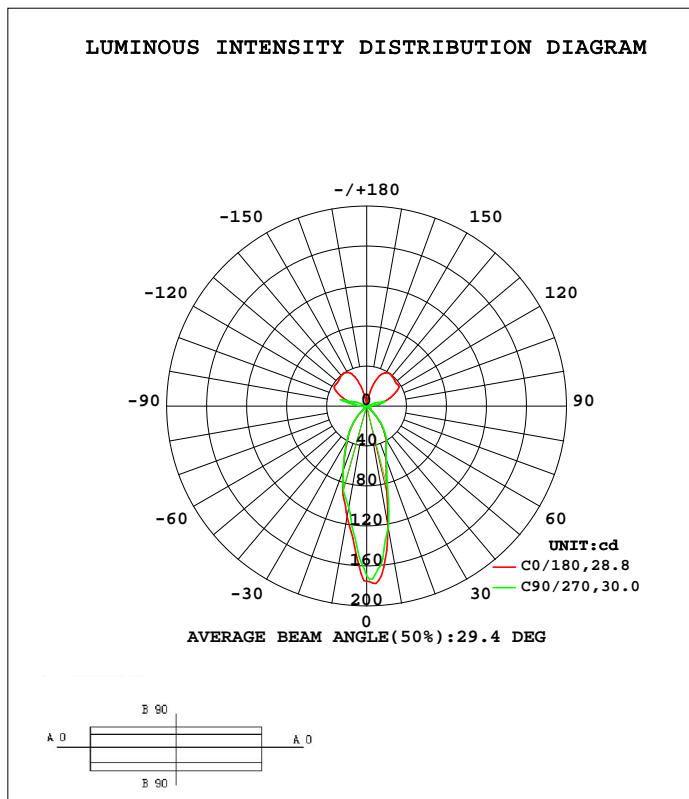


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm		
NAME: SB-P01A08WSZ	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: SNOWBALL	SUR.:	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 22.05 lm/W			
MODEL		I <sub>max</sub> (cd)	189.7	S/MH(C0/180)	0.49
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.49
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	180.74	η UP, DN(C0-180)	22.6, 26.7
NOMINAL FLUX(lm)	180.742	CIE CLASS	DIFFUSE	η UP, DN(C180-360)	25.0, 25.8
LAMPS INSIDE	1	η up(%)	47.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	--	η down(%)	52.4	CIBSE SHR MAX	0.55



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2023-05-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	122.4	158.6	124.0	109.1	112.6	102.9	103.8	109.2	0- 10	13.30	13.30	7.36,7.36
20	57.68	58.24	58.24	61.25	69.24	62.98	69.82	64.60	10- 20	24.12	37.42	20.7,20.7
30	39.08	37.74	40.21	32.87	38.34	27.74	39.61	34.54	20- 30	21.54	58.96	32.6,32.6
40	20.53	19.58	21.57	16.95	18.75	13.94	18.61	17.85	30- 40	16.72	75.68	41.9,41.9
50	4.168	4.897	4.827	4.450	3.818	4.084	3.811	6.182	40- 50	8.330	84.01	46.5,46.5
60	3.040	3.279	2.908	3.108	2.925	3.246	2.850	3.258	50- 60	3.268	87.28	48.3,48.3
70	2.709	2.630	2.320	2.581	2.652	3.139	3.071	2.964	60- 70	2.934	90.22	49.9,49.9
80	2.288	1.891	1.933	1.875	2.285	2.519	1.765	2.481	70- 80	2.687	92.90	51.4,51.4
90	1.582	0.9268	1.261	0.8701	1.914	3.961	3.592	0.8218	80- 90	1.872	94.78	52.4,52.4
100	13.24	11.70	13.27	16.89	13.91	20.08	17.82	16.17	90-100	8.893	103.7	57.4,57.4
110	25.24	18.43	9.863	20.27	26.32	20.24	13.90	18.75	100-110	19.08	122.8	67.9,67.9
120	37.24	17.16	0.2094	17.63	37.65	15.88	0.2956	15.24	110-120	17.20	139.9	77.4,77.4
130	37.68	11.19	0.2875	10.70	37.87	7.347	0.1990	7.121	120-130	14.45	154.4	85.4,85.4
140	39.58	4.569	0.2797	4.189	39.93	3.224	0.2982	4.137	130-140	10.83	165.2	91.4,91.4
150	38.74	4.478	0.2623	1.149	39.15	6.235	0.4496	9.064	140-150	7.864	173.1	95.8,95.8
160	27.77	6.810	0.3197	0.5209	27.97	7.283	0.3717	11.03	150-160	5.380	178.5	98.7,98.7
170	8.021	4.624	0.1939	1.064	7.705	3.322	0.2279	5.351	160-170	2.075	180.5	99.9,99.9
180	0.2042	0.1938	0.1938	0.1863	0.2057	0.1953	0.1923	0.1878	170-180	0.1988	180.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 81.082 lm

%lum = 44.9%  
 %lamp = 44.9%

Conical surface Flux(120deg): 87.283 lm

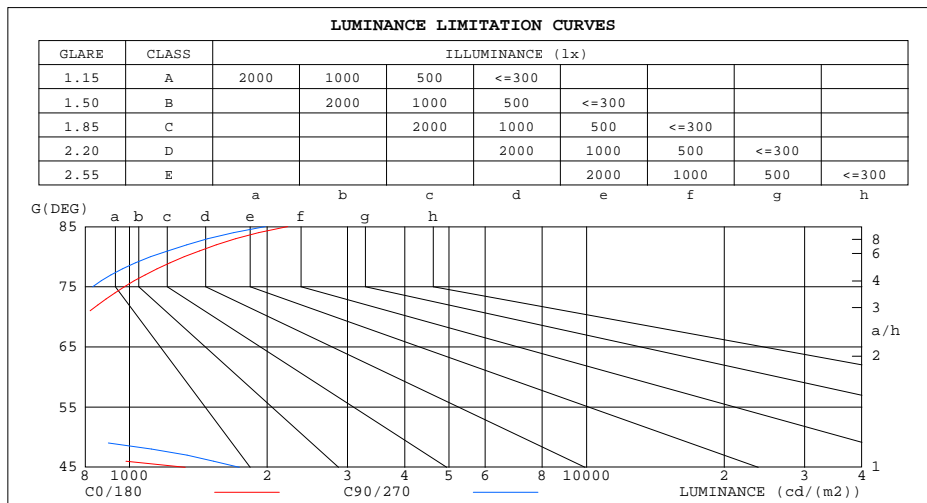
%lum = 48.3%  
 %lamp = 48.3%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2023-05-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm		
NAME: SB-P01A08WSZ	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: SNOWBALL	SUR.:	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2219	1981
80	1318	1113
75	975	831
70	792	678
65	680	590
60	608	582
55	623	632
50	648	751
45	1325	1738

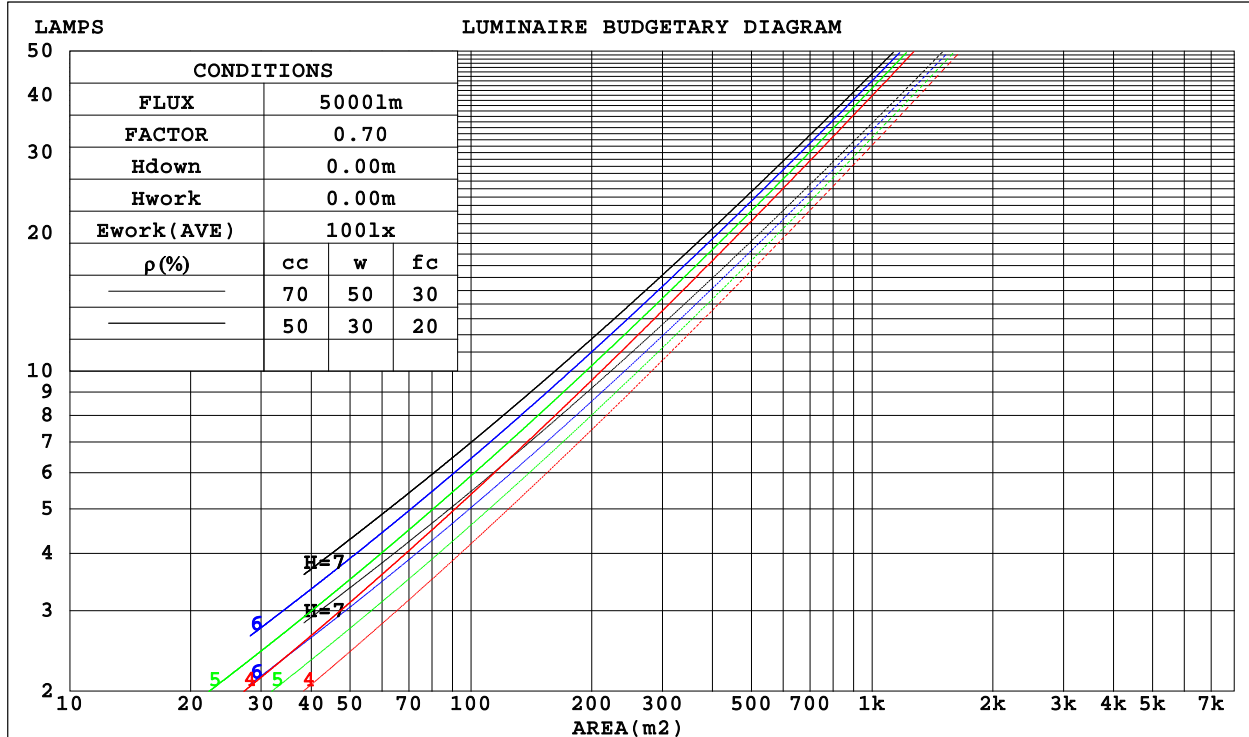
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2023-05-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm		
NAME: SB-P01A08WSZ	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: SNOWBALL	SUR.:	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.08	1.08	1.08	.00	.00	.00	.85	.85	.85	.71	.71	.71	.58	.58	.58	.52
1.0	.96	.93	.90	.89	.86	.84	.77	.75	.73	.65	.63	.62	.54	.53	.52	.47
2.0	.86	.81	.77	.81	.76	.72	.70	.66	.64	.60	.57	.55	.50	.49	.47	.43
3.0	.78	.72	.67	.73	.68	.64	.64	.60	.57	.55	.52	.50	.47	.45	.43	.40
4.0	.71	.65	.60	.67	.61	.57	.59	.54	.51	.51	.48	.45	.44	.42	.40	.37
5.0	.65	.58	.53	.61	.55	.51	.54	.50	.46	.48	.44	.41	.41	.39	.37	.34
6.0	.60	.53	.48	.57	.51	.46	.50	.46	.42	.44	.41	.38	.39	.36	.34	.32
7.0	.56	.49	.44	.53	.47	.42	.47	.42	.39	.42	.38	.35	.37	.34	.32	.30
8.0	.52	.45	.40	.49	.43	.39	.44	.39	.36	.39	.36	.33	.35	.32	.30	.28
9.0	.48	.42	.37	.46	.40	.36	.41	.37	.33	.37	.33	.31	.33	.30	.28	.26
10.0	.45	.39	.35	.43	.37	.33	.39	.34	.31	.35	.31	.29	.31	.29	.27	.25



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2023-05-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm		
NAME: SB-P01A08WSZ	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: SNOWBALL	SUR.:	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.239	.136	.043	.218	.124	.039	.178	.102	.033	.142	.082	.026	.108	.063	.020	
2.0	.219	.120	.037	.200	.110	.034	.164	.091	.028	.131	.073	.023	.100	.057	.018	
3.0	.203	.108	.032	.185	.099	.030	.152	.083	.025	.122	.067	.021	.094	.052	.016	
4.0	.188	.098	.029	.172	.090	.027	.142	.075	.023	.114	.061	.019	.088	.048	.015	
5.0	.176	.089	.026	.161	.083	.024	.133	.069	.020	.108	.057	.017	.084	.045	.013	
6.0	.164	.082	.024	.151	.076	.022	.125	.064	.019	.102	.053	.016	.079	.042	.012	
7.0	.154	.076	.022	.142	.071	.020	.118	.060	.017	.096	.049	.014	.075	.039	.012	
8.0	.145	.071	.020	.134	.066	.019	.112	.056	.016	.091	.046	.013	.072	.037	.011	
9.0	.137	.066	.019	.127	.062	.017	.106	.052	.015	.087	.044	.012	.069	.035	.010	
10.0	.130	.062	.017	.120	.058	.016	.101	.049	.014	.083	.041	.012	.066	.033	.009	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.553	.553	.553	.473	.473	.473	.323	.323	.323	.185	.185	.185	.059	.059	.059	
1.0	.541	.522	.505	.463	.448	.435	.317	.308	.301	.182	.178	.175	.058	.057	.057	
2.0	.530	.500	.475	.454	.430	.410	.311	.298	.286	.180	.173	.168	.058	.056	.055	
3.0	.521	.484	.454	.447	.417	.393	.307	.290	.276	.177	.169	.163	.057	.055	.053	
4.0	.513	.471	.439	.440	.407	.381	.303	.284	.268	.175	.166	.159	.056	.054	.052	
5.0	.506	.461	.428	.435	.399	.372	.299	.279	.263	.173	.164	.156	.056	.053	.051	
6.0	.499	.453	.420	.429	.393	.366	.296	.275	.259	.172	.162	.154	.055	.053	.051	
7.0	.493	.447	.414	.424	.387	.361	.293	.271	.256	.170	.160	.152	.055	.052	.050	
8.0	.488	.441	.409	.420	.383	.357	.291	.269	.253	.169	.159	.151	.055	.052	.050	
9.0	.483	.437	.406	.416	.379	.354	.288	.266	.251	.168	.157	.150	.054	.052	.050	
10.0	.478	.433	.403	.412	.376	.351	.286	.264	.250	.167	.156	.149	.054	.051	.049	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2023-05-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm										
NAME: SB-P01A08WSZ					TYPE:			WEIGHT:		
SPEC.:4000K					DIM.:			SERIAL No.:		
MFR.: SNOWBALL					SUR.:					
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	6.7	7.5	7.6	8.3	9.3	7.1	7.9	7.9	8.6	9.6
3H	7.6	8.3	8.5	9.2	10.2	7.5	8.2	8.4	9.1	10.1
4H	8.4	9.0	9.2	9.9	10.9	8.0	8.6	8.8	9.5	10.5
6H	9.3	9.9	10.2	10.8	11.9	8.6	9.3	9.5	10.1	11.2
8H	9.9	10.5	10.8	11.3	12.5	9.1	9.7	10.0	10.6	11.7
12H	10.5	11.1	11.4	12.0	13.1	9.7	10.3	10.6	11.2	12.3
4H 2H	6.7	7.4	7.6	8.2	9.3	7.0	7.6	7.8	8.5	9.5
3H	8.0	8.5	8.9	9.4	10.6	7.7	8.3	8.6	9.1	10.3
4H	9.0	9.5	9.9	10.4	11.6	8.3	8.8	9.3	9.7	10.9
6H	10.2	10.7	11.2	11.6	12.8	9.2	9.7	10.2	10.6	11.8
8H	11.0	11.4	11.9	12.3	13.5	9.8	10.2	10.8	11.2	12.4
12H	11.7	12.1	12.7	13.1	14.3	10.6	11.0	11.6	11.9	13.2
8H 4H	9.2	9.6	10.2	10.5	11.8	8.6	9.0	9.6	10.0	11.2
6H	10.8	11.1	11.7	12.1	13.3	9.7	10.1	10.7	11.0	12.3
8H	11.7	12.0	12.7	13.0	14.2	10.5	10.8	11.5	11.8	13.0
12H	12.7	13.0	13.7	14.0	15.3	11.5	11.7	12.5	12.7	14.0
12H 4H	9.2	9.6	10.2	10.5	11.8	8.7	9.1	9.7	10.0	11.3
6H	10.8	11.1	11.8	12.1	13.4	9.9	10.2	10.9	11.2	12.5
8H	11.9	12.1	12.9	13.1	14.4	10.7	11.0	11.8	12.0	13.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.7 / - 0.8				
1.5H	+ 1.0 / - 0.5					+ 1.4 / - 0.7				
2.0H	+ 0.3 / - 0.3					+ 1.2 / - 0.3				

CIE Pub.117, 180.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -5.9)  
Area: 0.01 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:XIAOXIN  
Test Date:2023-05-24

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.000m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm		
NAME: SB-P01A08WSZ	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: SNOWBALL	SUR.:	

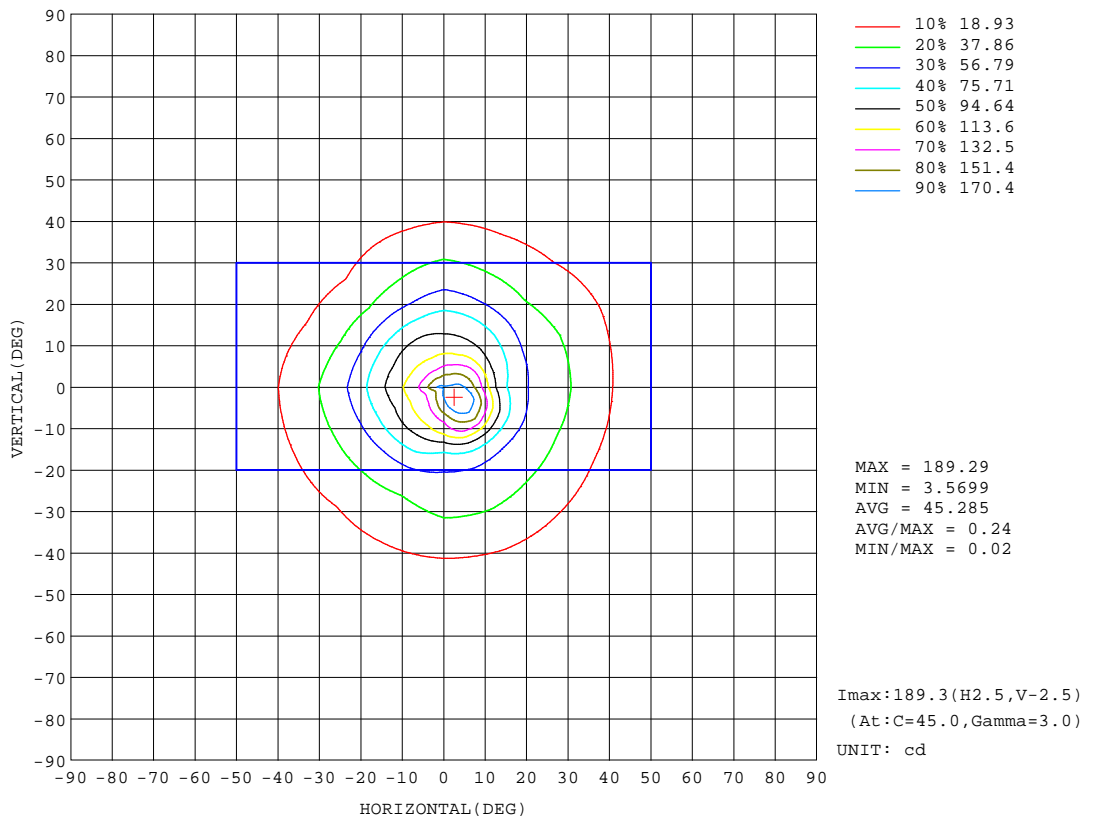
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	55	45	40	53	44	40	50	43	38	33
0.80	63	53	47	61	52	46	56	49	44	37
1.00	69	59	53	66	57	52	60	54	49	39
1.25	75	65	59	71	63	57	64	58	53	42
1.50	79	70	64	75	67	61	67	61	57	44
2.00	85	76	70	80	73	67	71	65	61	45
2.50	89	81	75	83	76	71	73	68	64	46
3.00	91	84	79	86	80	75	75	70	67	47
4.00	95	89	84	89	84	80	77	74	70	48
5.00	98	92	88	91	87	83	79	76	73	49
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2023-05-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm		
NAME: SB-P01A08WSZ	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: SNOWBALL	SUR.:	



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2023-05-24

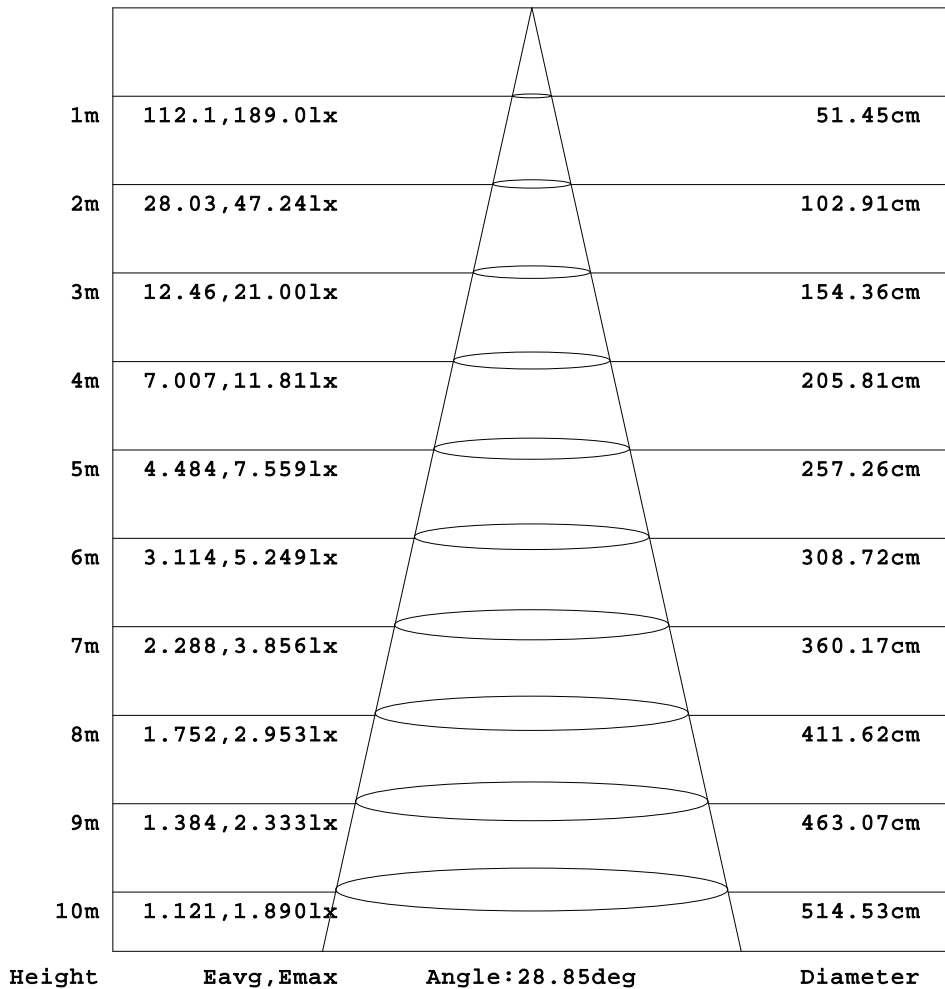
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm		
NAME: SB-P01A08WSZ	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: SNOWBALL	SUR.:	

Flux out:25.29 lm



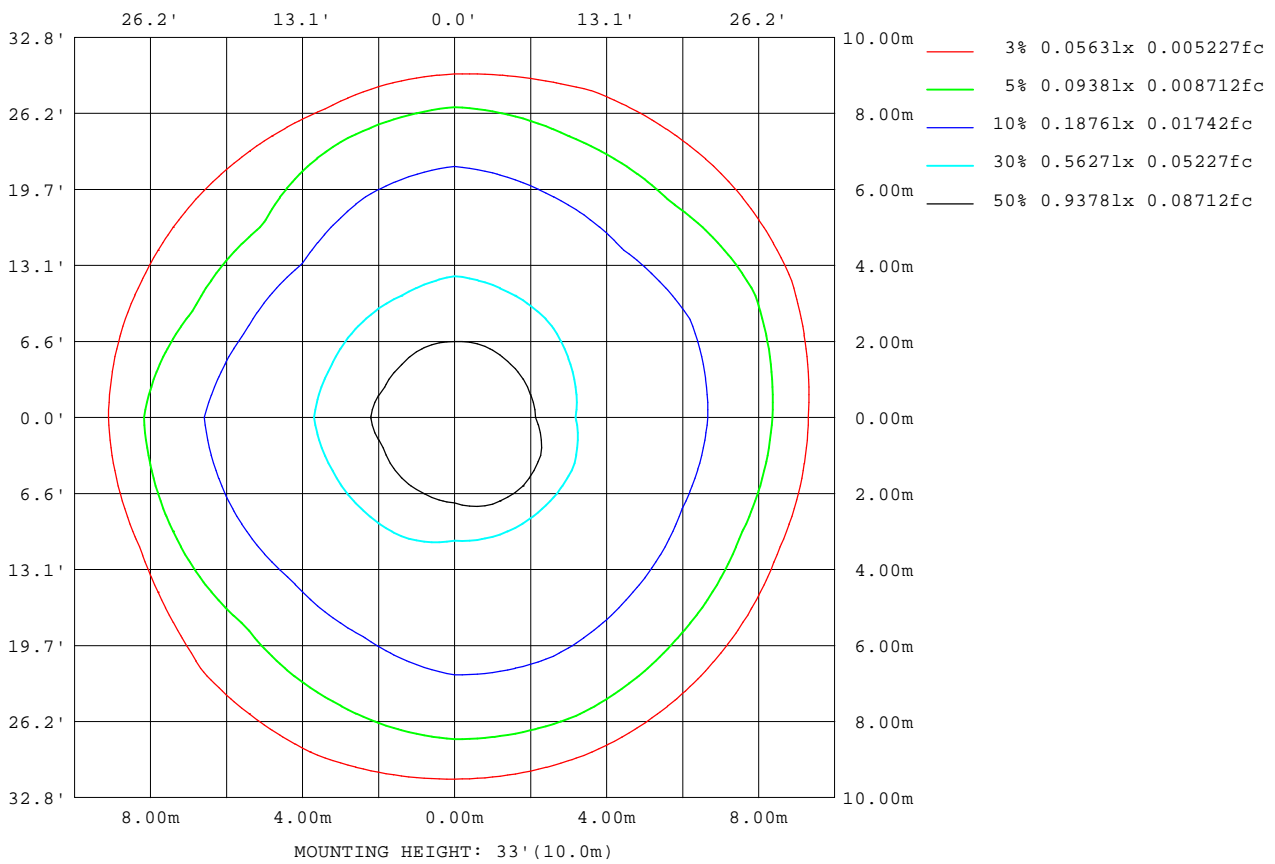
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2023-05-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

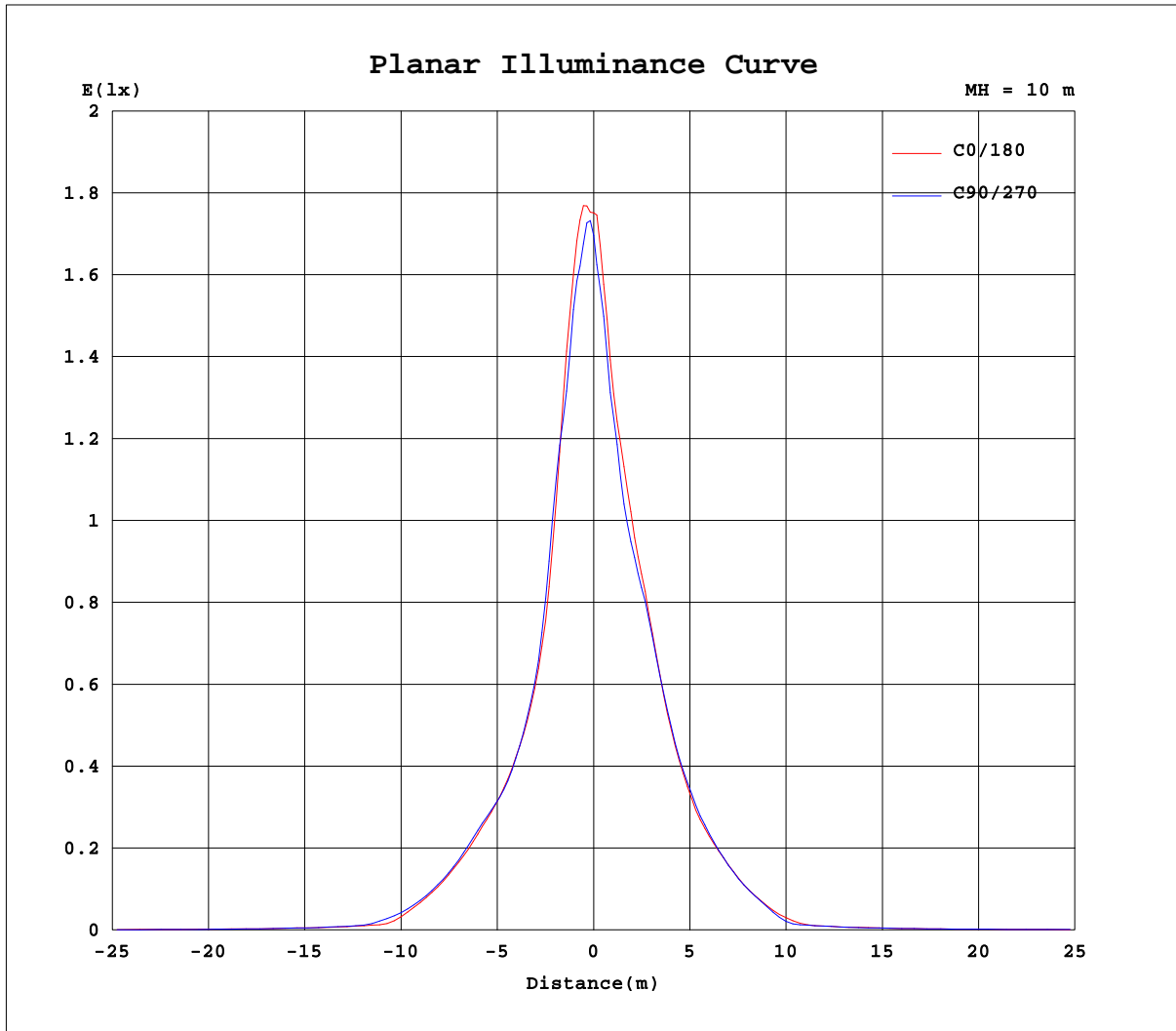
Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm		
NAME: SB-P01A08WSZ	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: SNOWBALL	SUR.:	



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2023-05-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: XIAOXIN  
Test Date: 2023-05-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 9.000m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.31V I:0.0676A P:8.1984W PF:0.5506 Freq:50.00Hz Lamp Flux:180.742x1 lm		
NAME: SB-P01A08WSZ	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: SNOWBALL	SUR.:	

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	175	175	175	171	170	166	165	165	175	175	175	171	170	166	165	165			
5	170	184	187	176	160	146	134	129	141	133	130	128	133	137	148	159			
10	122	150	159	145	124	114	109	107	113	104	103	103	104	104	109	117			
15	77.0	92.0	95.4	91.2	80.7	85.0	85.6	86.3	91.7	87.9	87.7	88.1	89.1	88.2	86.0	81.6			
20	57.7	60.2	58.2	58.8	58.2	61.3	61.3	63.7	69.2	64.1	63.0	63.5	69.8	66.3	64.6	59.6			
25	46.7	44.9	43.2	47.9	46.2	44.4	45.2	47.2	51.3	44.0	41.0	45.4	52.3	48.6	46.7	46.8			
30	39.1	37.1	37.7	39.5	40.2	34.3	32.9	35.2	38.3	31.0	27.7	34.1	39.6	36.5	34.5	38.5			
35	30.3	27.3	28.8	31.5	31.3	25.9	23.1	26.0	29.0	21.0	18.2	25.6	28.9	26.2	25.8	31.2			
40	20.5	18.5	19.6	21.7	21.6	18.9	17.0	17.2	18.7	14.6	13.9	15.6	18.6	17.5	17.9	22.4			
45	9.37	11.2	12.3	11.9	12.3	13.9	12.7	6.74	8.66	11.4	11.2	7.92	6.12	12.3	13.9	13.1			
50	4.17	4.64	4.90	4.65	4.83	5.30	4.45	4.00	3.82	4.10	4.08	3.80	3.81	4.20	6.18	5.51			
55	3.57	3.99	3.97	3.74	3.63	3.61	3.67	3.50	3.29	3.66	3.49	3.16	3.18	3.45	3.89	4.00			
60	3.04	3.45	3.28	3.02	2.91	2.91	3.11	3.21	2.92	3.54	3.25	2.87	2.85	2.97	3.26	3.54			
65	2.87	3.22	2.87	2.58	2.49	2.57	2.88	3.13	2.80	3.58	3.20	2.77	2.84	2.81	3.08	3.51			
70	2.71	3.03	2.63	2.27	2.32	2.18	2.58	2.90	2.65	3.51	3.14	2.76	3.07	2.77	2.96	3.50			
75	2.52	2.74	2.26	1.94	2.15	1.86	2.24	2.69	2.51	3.31	2.90	2.58	2.80	2.57	2.78	3.34			
80	2.29	2.44	1.89	1.68	1.93	1.56	1.88	2.44	2.28	2.81	2.52	1.84	1.77	1.89	2.48	2.91			
85	1.93	1.92	1.52	1.42	1.73	1.35	1.50	1.87	1.87	1.78	1.59	1.35	1.45	1.36	1.65	2.07			
90	1.58	1.26	0.93	1.04	1.26	0.96	0.87	2.53	1.91	3.05	3.96	4.26	3.59	1.84	0.82	1.21			
95	7.93	5.52	3.75	4.02	5.07	6.48	8.21	10.4	9.77	10.9	11.9	12.3	11.5	9.63	7.60	6.15			
100	13.2	10.7	11.7	12.0	13.3	15.0	16.9	12.2	13.9	11.7	20.1	21.2	17.8	18.4	16.2	10.9			
105	18.7	11.5	16.9	21.0	19.4	24.1	20.1	12.1	19.8	13.6	20.6	28.1	25.1	25.9	18.3	12.5			
110	25.2	9.35	18.4	24.9	9.86	26.6	20.3	10.3	26.3	10.9	20.2	27.7	13.9	23.8	18.7	11.5			
115	31.7	7.36	18.4	25.1	0.19	26.2	19.5	7.79	32.7	8.11	18.7	26.8	1.52	23.6	17.7	9.28			
120	37.2	5.30	17.2	24.6	0.21	25.4	17.6	5.91	37.7	7.50	15.9	24.9	0.30	22.6	15.2	8.80			
125	38.0	4.71	14.7	23.0	0.24	23.2	14.6	9.85	37.9	13.5	11.8	20.9	0.22	20.8	11.4	14.5			
130	37.7	10.3	11.2	19.9	0.29	19.1	10.7	15.0	37.9	17.8	7.35	14.6	0.20	15.1	7.12	18.5			
135	38.5	14.8	7.44	15.2	0.32	13.9	6.52	17.7	38.8	20.4	4.21	9.36	0.24	9.60	4.25	21.1			
140	39.6	17.7	4.57	8.65	0.28	6.45	4.19	19.7	39.9	22.8	3.22	4.77	0.30	5.01	4.14	23.8			
145	39.9	19.8	3.54	4.32	0.25	0.99	3.56	21.0	40.3	24.6	4.38	0.85	0.38	2.25	6.51	26.0			
150	38.7	20.9	4.48	2.47	0.26	1.41	1.15	21.1	39.2	25.4	6.23	1.21	0.45	1.36	9.06	27.3			
155	35.1	20.7	5.94	1.47	0.28	0.85	0.53	14.3	35.5	24.4	7.49	0.94	0.45	0.92	10.9	27.1			
160	27.8	18.4	6.81	1.38	0.32	0.34	0.52	8.31	28.0	20.5	7.28	1.23	0.37	1.76	11.0	24.3			
165	17.1	13.3	6.40	1.92	0.30	0.31	0.84	6.17	17.0	12.9	5.55	1.35	0.34	2.72	9.12	17.3			
170	8.02	7.16	4.62	2.21	0.19	0.28	1.06	3.65	7.71	6.27	3.32	1.04	0.23	2.39	5.35	8.41			
175	3.07	2.89	2.08	0.52	0.19	0.19	0.19	0.52	1.91	1.82	0.22	0.21	0.20	0.59	1.53	2.13			
180	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.21	0.20	0.20	0.19	0.19	0.19	0.19	0.19			

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